

DECLARATION AND POWER OF ATTORNEY

As the below-named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHOD AND APPARATUS FOR REDUCING REACTANT
CROSSOVER IN AN ELECTROCHEMICAL FUEL CELL**

the specification of which was filed herewith. We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims. We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a). We hereby claim foreign priority benefits under Title 35, United States Code, section 119 of any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

NONE

We hereby appoint:

George P. McAndrews	Reg. No. 22760
John J. Held, Jr.	Reg. No. 21061
Timothy J. Malloy	Reg. No. 25600
William M. Wesley	Reg. No. 26521
Larry M. Jarvis	Reg. No. 27341
Robert C. Ryan	Reg. No. 29343
Gregory J. Vogler	Reg. No. 31313
Jean Dudek Kuelper	Reg. No. 30171
Herbert D. Hart III	Reg. No. 30063
Robert W. Fieseler	Reg. No. 31826
Steven J. Hampton	Reg. No. 33707
Alejandro Menchaca	Reg. No. 34389
Priscilla F. Gallagher	Reg. No. 32223
Robert B. Polit	Reg. No. 33993
Thomas J. Wimbiscus	Reg. No. 36059
George F. Wheeler	Reg. No. 28766
Christopher C. Winslade	Reg. No. 36308
John S. Artz	Reg. No. 36431
Gregory C. Schodde	Reg. No. 36668
Edward A. Mas	Reg. No. 37179
John S. Artz	Reg. No. 36431
Patrick J. Arnold Jr.	Reg. No. 37769

Kirk A. Vander Leest	Reg. No. 34036
Peter J. McAndrews	Reg. No. 38547
Phyllis Turner Brim	Reg. No. P-39,864
Sharon A. Hwang	Reg. No. P-39,797
Anthony E. Dowell	Reg. No. P-39,661

the address and telephone number of each of whom is McAndrews, Held & Malloy, Ltd., 500 West Madison Street, 34th Floor, Chicago, Illinois 60661, 312/707-8889, as our attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

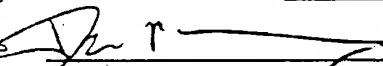
Please direct telephone calls to Robert W. Fieseler at (312) 707-8889. Please direct facsimiles to Robert W. Fieseler at (312) 707-9155.

Please address correspondence to:

Robert W. Fieseler
McAndrews, Held & Malloy, Ltd.
500 West Madison Street, Suite 3400
Chicago, Illinois 60661

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor David P. Wilkinson

Inventor's signature  Date Dec 12/1995

Residence Address 1391 Coleman Street

North Vancouver, B.C., Canada V7R 1W4

Citizenship Canadian

Post Office Address 980 West 1st Street, Unit 107

North Vancouver, B.C., Canada V7P 3N4

Full name of second joint inventor Mark C. Johnson

Inventor's signature

Mark C. Johnson

Date 14 DEC. 95

Residence Address 4702 N. 33rd Place

Phoenix, Arizona, USA 85018

Citizenship United States

Post Office Address Same as first joint inventor

Full name of third joint inventor Kevin M. Colbow

Inventor's signature

Kevin Colbow

Date 12/12/95

Residence Address 1305 Fernwood Crescent

North Vancouver, B.C., Canada V7P 1K3

Citizenship Canadian

Post Office Address Same as first joint inventor

Full name of fourth joint inventor Stephen A. Campbell

Inventor's signature

Stephen A. Campbell

Date 12/12/95.

Residence Address 725 Delestre Avenue

Coquitlam, B.C., Canada V3K 2G2

Citizenship British

Post Office Address Same as first joint inventor

A S S I G N M E N T

Joint

File No. 10557US01 Application Serial No.
Inventors: David P. Wilkinson Filing Date:
 Mark C. Johnson
 Kevin M. Colbow
 Stephen A. Campbell

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, each of the undersigned hereby assign to Ballard Power Systems Inc., a corporation under the Canadian Business Corporations Act, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: **METHOD AND APPARATUS FOR REDUCING REACTANT CROSSOVER IN AN ELECTROCHEMICAL FUEL CELL**; and identified as File No. 10557US01 in the offices of **McANDREWS, HELD & MALLOY, LTD.**, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

Each of the undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

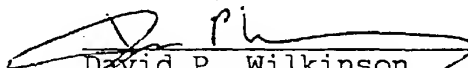
Each of the undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

Each of the undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations each of the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may

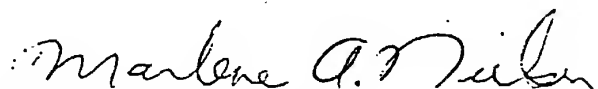
deem necessary or expedient, and for the said considerations each of the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

SIGNED at North Vancouver, Province of British Columbia, Canada this 12 day of December, 1995.


David P. Wilkinson

I hereby certify that before me personally appeared David P. Wilkinson to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:


Notary Public

MARLENE A. NIELSEN
Notary Public
1925 Lonsdale Avenue
North Vancouver, B.C. V7M 2K3
Phone: 835-9187

PHOENIX, STATE OF ARIZONA, U.S.A.

SIGNED at North Vancouver, Province of British Columbia,
Canada this 14th day of December, 1995.

Mark C. Johnson
Mark C. Johnson

I hereby certify that before me personally appeared Mark C. Johnson to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:

Bernadette O'Connor
Notary Public

SIGNED at North Vancouver, Province of British Columbia,
Canada this 12 day of DECEMBER, 1995.

Kevin M. Colbow
Kevin M. Colbow

I hereby certify that before me personally appeared Kevin M. Colbow to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:

Marlene A. Nielsen
Notary Public

MARLENE A. NIELSEN
Notary Public
1925 Lonsdale Avenue
North Vancouver, B.C. V7M 2K3
Phone: 885-9187


SIGNED at North Vancouver, Province of British Columbia,
Canada this 12th day of December, 1995.



Stephen A. Campbell

I hereby certify that before me personally appeared Stephen A. Campbell to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:



Notary Public

MARLENE A. NIELSEN
Notary Public
1925 Lonsdale Avenue
North Vancouver, B.C. V7M 2K3
Phone: 835-9197



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RWF/ATB
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 09, 1996

MCANDREWS, HELD & MALLOY, LTD.
ROBERT W. FIESELER
500 W. MADISON STREET
34TH FLOOR
CHICAGO, IL 60661

PTAS
RECEIVED
OCT 10 1996



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MCANDREWS, HELD MALLOY, LTD.

CORRECTED
NOTICE

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/18/1995

REEL/FRAME: 7845/0084
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WILKINSON, DAVID P.

DOC DATE: 12/12/1995

ASSIGNOR:

JOHNSON, MARK C.

DOC DATE: 12/14/1995

ASSIGNOR:

COLBOW, KEVIN M.

DOC DATE: 12/12/1995

ASSIGNOR:

CAMPBELL, STEPHEN A.

DOC DATE: 12/12/1995

ASSIGNEE:

BALLARD POWER SYSTEMS INC.
980 W 1ST STREET, UNIT 107
NORTH VANCOUVER, B.C., CANADA
V7P 3N4

SERIAL NUMBER: 08574262
PATENT NUMBER:

FILING DATE: 12/18/1995
ISSUE DATE:

784570084 PAGE 2

MARGARET LASALLE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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03/574262

DOCKET NO. 10557US01

03/21/96

PATENTS ONLY

100270184

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original document or copy thereof.

1. Name of Party(ies)
conveying an interest:

David P. Wilkinson
Mark C. Johnson
Kevin M. Colbow
Stephen A. Campbell

2. Name and Address of
Party(ies) receiving
an interest:

Ballard Power Systems Inc.
980 W. 1st Street, Unit 107
North Vancouver, B.C.
CANADA V7P 3N4

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name ☐ Other (Specify)
☐ Security Agreement ☐ Merger

4. Application number(s) or patent number(s).

If this document is being filed together with a new application,
the execution date of the application is:

December 18, 1995

Date

- A. Patent Application No.(s)

Serial No.

08574262

- B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert W. Fieseler
McAndrews, Held & Malloy, Ltd.
500 W. Madison Street
34th Floor
Chicago, Illinois 60661

6. Number of applications and patents involved: 1

7. Amount of fee enclosed or authorized to be charged: \$40.00

8. Deposit account number (Attach duplicate copy of this form if paying by deposit account): 13-0017

DO NOT USE THIS SPACE

9. Date of execution of attached document: 12/12/95

10. I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.
Executed on:

December 18, 1995

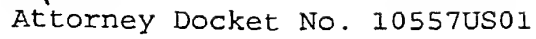
Date



Signature

Robert W. Fieseler
Name of Person Signing

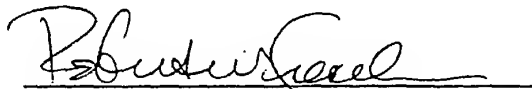
Registration No. 31,826



Please change "08574202" to --08574262--.

A copy of the Notice Of Recordation Of Assignment Document with the above requested change noted thereon is enclosed herewith, as well as copies of the papers accompanying the Notice Of Recordation Of Assignment Document.

Respectfully submitted,



Robert W. Fieseler
Registration No. 31,826
Attorney For Applicant

McANDREWS, HELD & MALLOY, LTD.
500 West Madison Street, 34th Floor
Chicago, Illinois 60661

Telephone (312) 707-8889
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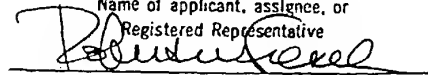
Date: June 21, 1996

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D. C. 20231, on 6-21-96

Date of Deposit

ROBERT W. FIESELER

Name of applicant, assignee, or
Registered Representative



Signature

6-21-96

Date of Signature